L Number	Hits	Search Text	DB	Time stamp
26	1822	spatial adj1 filter\$3 and spread\$3	USPAT;	2004/10/29
20	1022	spacial adji liliteras and spreadas	US-PGPUB; EPO; JPO;	11:06
27	105	spatial adj1 filter\$3 with spread\$3	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 11:07
28	13	spatial adj1 filter\$3 with spread\$3 with combin\$5	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 11:08
29	16	spatial adj1 filter\$3 with spread\$3 with transmi\$5	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29
30	. 11	(spatial adj1 filter\$3 or adaptive adj1 antenna or beamform\$3) with spread\$3 with transmi\$5 with (combin\$5 or sum\$4)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29
31	68	(spatial adj1 filter\$3 or adaptive adj1 antenna or beamform\$3) with spread\$3 with transmi\$5	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 11:37
56	0	(spatial adj1 filter\$3) with spread\$3 with transceiver	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 11:38
57	5	(spatial adj1 filter\$3) with spread\$3 and transceiver	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 11:38
63	0	"5864548" and spatial adj1 filter	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 12:23
62	. 11	"5864548"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 12:23
64	0	"5864548" and spatial with filter	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 12:23
65	2	"5864548" and spatial	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/29 12:23
-	284	(richard with ertel) or (thomas with giallorenzi) or (eric with hall) or (zachary with bagley)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/14 18:56
-	40	((richard with ertel) or (thomas with giallorenzi) or (eric with hall) or (zachary with bagley)) and (SDMA or CDMA)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/10/14 18:22
-	4	((richard with ertel) or (thomas with giallorenzi) or (eric with hall) or (zachary with bagley)) and (SDMA or CDMA) and despread\$3 same "same" with spread\$3	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/14 18:23
_	19	giallorenzi) or (eric with hall) or (zachary with bagley)) and (SDMA or CDMA)	USPAT; US-PGPUB; EPO; JPO;	2004/10/14 18:29
-	7	with "same" with spread\$3 adj1 cod\$3 "same" with spread\$3 adj1 cod\$3 and (despread\$3 same plurality with beamform\$3)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/14 18:37

-	8	("same" same spread\$3 with cod\$3) and	USPAT;	2004/10/14
		(despread\$3 same plurality with	US-PGPUB;	18:39
		beamform\$3)	EPO; JPO;	
		•	DERWENT	
-	4	("same" same spread\$3 with cod\$3) and	USPAT;	2004/10/14
		(despread\$3 same plurality) and	US-PGPUB;	18:40
		beamform\$3 and spatial with filter\$3	EPO; JPO;	
j		,	DERWENT	
-	29	("same" same spread\$3 with cod\$3) and	USPAT;	2004/10/14
İ		(despread\$3 same plurality) and	US-PGPUB;	18:40
		beamform\$3	EPO; JPO;	
}			DERWENT	
-	5	(despread\$3 with plurality same	USPAT;	2004/10/14
		beamform\$3) and ((BS or base\$1station\$1)	US-PGPUB;	18:50
İ		and (MS or SS or mobile adj1 station or	EPO; JPO;	
		subscriber adj1 station))	DERWENT	
-	9200	spatial adj1 filter\$3	USPAT;	2004/10/18
			US-PGPUB;	15:06
			EPO; JPO;	
			DERWENT	
-	6	spatial adj1 filter\$3 same despread\$3 and	USPAT;	2004/10/14
	ļ	(complex with multipl\$7)	US-PGPUB;	18:53
	1		EPO; JPO;	
			DERWENT	
-	9	spatial adj1 filter\$3 with despread\$3	USPAT;	2004/10/18
			US-PGPUB;	15:29
1		<u> </u>	EPO; JPO;	
		; .	DERWENT	
_	6	((richard with ertel) or (thomas with	USPAT;	2004/10/14
		giallorenzi) or (eric with hall) or	US-PGPUB;	18:56
		(zachary with bagley)) and spatial adj1	EPO; JPO;	
		filter\$3	DERWENT	
_	53	spatial adj1 filter\$3 and despread\$3	USPAT;	2004/10/14
		Spacial adji lileciyo ana acopicadyo	US-PGPUB;	18:58
			EPO; JPO;	10.30
		;	DERWENT	
_	7	spatial adj1 filter\$3 and despread\$3 with	USPAT;	2004/10/14
	,	(complex with multipl\$7)	US-PGPUB;	18:59
	:	(COMPIEX WICH MULTIPLY)	EPO; JPO;	10.33
	•		DERWENT	
l	27	spatial adj1 filter\$3 and despread\$3 and	USPAT;	2004/10/14
		(complex with multipl\$7)	US-PGPUB;	19:21
		(COMPLEX WITH MUTELPION)	EPO; JPO;	13.21
		:	DERWENT	
_	211	"5309474"	USPAT;	2004/10/14
		3309474	US-PGPUB;	19:22
		*	EPO; JPO;	- 7 . 2 2
	1	<u> </u>	DERWENT	
_	2	"5309474" and spatial adj1 filter\$3	USPAT;	2004/10/14
-		22024/4 and spactat adji iiiteis	US-PGPUB;	19:22
		: '		13.24
		·	EPO; JPO;	
	07	"5309474" and (orthogonal with spread\$3	DERWENT USPAT;	2004/10/14
-	8/	with cod\$3)	USPAT; US-PGPUB;	
		MICH COGS)		19:25
		f	EPO; JPO;	
	1.0	#5200474# and nonformed	DERWENT	2004/10/14
-	10	"5309474" and perform\$3 with symbol adj1	USPAT;	2004/10/14
		rate	US-PGPUB;	19:29
		:	EPO; JPO;	
	100	(liberti or represent) and Alepse	DERWENT	2004/10/14
-	180	(liberti or rappaport) and \$3CDMA	USPAT;	2004/10/14
		·	US-PGPUB;	19:51
			EPO; JPO;	
1	_	(2.2)	DERWENT	0004/10/24
1 -	5	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
1		smart adj1 antenna\$1 and spatial adj1	US-PGPUB;	19:33
ľ		filter\$1	EPO; JPO;	
]			DERWENT	
-	50	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
		smart adj1 antenna	US-PGPUB;	19:33
		[]	EPO; JPO;	
1		;	DERWENT	

		· · _ ·		
-	68	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/19
		orthogonal	US-PGPUB;	07:02
			EPO; JPO; DERWENT	
l _	40	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
	10.	orthogonal with spread\$3	US-PGPUB;	19:36
i .		oronogonar wrom sprodays	EPO; JPO;	
			DERWENT	
-	3	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
		orthogonal with spread\$3 with cod\$3 with	US-PGPUB;	19:36
		reus\$3	EPO; JPO;	
			DERWENT	
_	31	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
		orthogonal with spread\$3 with cod\$3	US-PGPUB; EPO; JPO;	19:39
			DERWENT	
_	27	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
		orthogonal with spread\$3 with cod\$3 and	US-PGPUB;	19:40
		antenna	EPO; JPO;	
		 	DERWENT	
-	. 3		USPAT;	2004/10/14
		orthogonal with spread\$3 with cod\$3 with	US-PGPUB;	19:40
		antenna	EPO; JPO;	
	10	(liberti or rappaport) and \$3CDMA and	DERWENT USPAT;	2004/10/14
_	10	orthogonal with spread\$3 with cod\$3 same	USPAT; US-PGPUB;	19:40
		antenna	EPO; JPO;	
			DERWENT	
-	9	(liberti or rappaport) and \$3CDMA and	USPAT;	2004/10/14
		orthogonal with spread\$3 with cod\$3 same	US-PGPUB;	19:41
		antenna with array	EPO; JPO;	
			DERWENT	
-	59	\$3CDMA and orthogonal with spread\$3 with	USPAT;	2004/10/14
		cod\$3 same antenna with array	US-PGPUB;	19:42
			EPO; JPO; DERWENT	i
_	52	\$3CDMA and orthogonal with spread\$3 adj1	USPAT;	2004/10/14
}	02	cod\$3 same antenna with array	US-PGPUB;	19:42
		•	EPO; JPO;	
			DERWENT	
-	8		USPAT;	2004/10/14
		cod\$3 with (antenna with array)	US-PGPUB;	19:44
			EPO; JPO; DERWENT	
_	5	orthogonal with spread\$3 adj1 cod\$3)	USPAT;	2004/10/14
		with (correspon\$5 or assign\$3) with	US-PGPUB;	19:45
		(antenna)	EPO; JPO;	
			DERWENT	
-	36	(liberti or rappaport) and \$3SDMA	USPAT;	2004/10/14
			US-PGPUB;	19:51
	•		EPO; JPO;	
l _	19	(liberti or rappaport) and \$3SDMA and	DERWENT	2004/10/14
⁻	19	(liberti or rappaport) and \$35DMA and smart adj1 antenna\$1	USPAT; US-PGPUB;	19:52
		Smale daji direcinidyi	EPO; JPO;	-5.52
		,	DERWENT	
_	65	"5751761"	USPAT;	2004/10/18
		:	US-PGPUB;	11:40
			EPO; JPO;	
		(//	DERWENT	2004/10/10
=	114	4 4	USPAT;	2004/10/18
		with giallorenzi) or (steven with perkins))	US-PGPUB; EPO; JPO;	12:56
		herving)	DERWENT	
_	7	((Leon with nieczyporowicz) or (thomas	USPAT;	2004/10/18
	,	with giallorenzi) or (steven with	US-PGPUB;	12:55
		perkins)) and pn adj1 code with	EPO; JPO;	
		synchronous with CDMA	DERWENT	
-	. 5	((Leon with nieczyporowicz) or (thomas	USPAT;	2004/10/18
		with giallorenzi) or (steven with	US-PGPUB;	12:45
		perkins)) and assign\$4 with "same" with	EPO; JPO;	
	1	spread\$3 with cod\$3	DERWENT	1

1					
1	-	52	"5471647"	USPAT;	2004/10/18
1 "5592490" and assign34 with "same" with spread\$3 with cod\$3		1		US-PGPUB;	12:55
1				EPO; JPO;	
### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Cod\$3 ### Cod\$3 ### Cod\$4 ### Cod\$3 ### Cod\$4 ### Co			,	DERWENT	
### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Spread\$3 with cod\$4 ### Cod\$3 ### Cod\$3 ### Cod\$3 ### Cod\$4 ### Cod\$3 ### Cod\$4 ### Co	-	1	"5592490" and assign\$4 with "same" with	USPAT;	2004/10/18
FEO. 7FO: DERWENT 12:48				US-PGPUB;	12:48
S					
2004/10/18 USPAT; U			:		
12:48	_	5	"5592490" and "same" with spread\$3 with		2004/10/18
BEO, JPO: DERWENT Cod\$3					
- 6 "5634199" and "same" with spread\$3 with cod\$3 - 5 "5471647" and "same" with spread\$3 with cod\$3 - 22 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and "same" with spread\$3 with cod\$3 - 11 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature - 5 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature - 5 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature with vector 2 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature 2004/10/18 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins) and signature 2004/10/18 - ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with giallorenzi) or (steven with giallorenzi) or (steven with giallorenzi) or (steven with giallorenzi) or (steven with giallorenzi) or (steven with giallorenzi) or (steven with giallor	1		00475		12.40
- 6 "5634199" and "same" with spread\$3 with USPAT; 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:53 2004/10/18 12:55 2004/10/18					
Cod\$3					0004/10/10
S	-	١ ٥		· ·	
DERWENT Cod33			coass	· ·	12:53
S		ľ	· ·		
Cod\$3		_	<u></u>		
Company Comp	-	5			
22		1	cod\$3	US-PGPUB;	12:55
-			;	EPO; JPO;	
### with giallorenzi) or (steven with perkins) and "same" with spreads3 with cods3 - 11 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vectors1 with weight perkins)) and signature with vectors1 with weight spatial adj1 filter\$3 with channel\$1 with antenna with signature signature with vectors1 antenna with signature signature with vector\$1				DERWENT	
### with giallorenzi) or (steven with perkins) and "same" with spreads3 with cods3 - 11 ((Leon with nieczyporowicz) or (thomas with giallorenzi) or (steven with perkins)) and signature with vector perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vector with giallorenzi) or (steven with perkins)) and signature with vectors1 with weight perkins)) and signature with vectors1 with weight spatial adj1 filter\$3 with channel\$1 with antenna with signature signature with vectors1 antenna with signature signature with vector\$1	-	22	((Leon with nieczyporowicz) or (thomas	USPAT;	2004/10/18
perkins and "same" with spread\$3 with cod\$3 Cloen with nieczyporowicz or (thomas with gindlorenzi) or (steven with perkins) and signature USPAT; USPAT U			with giallorenzi) or (steven with	US-PGPUB;	14:53
Cods3		j !		EPO; JPO;	
11		}]
with giallorenzi) or (steven with perkins) and signature SPO; JPO; DERWENT SPO; JPO; JPO; DERWENT SPO; JPO; JPO; DERWENT SPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	. _	11			2004/10/18
perkins and signature EPO, JPO, DEXWENT 2004/10/18 with qiallorenzi) or (steven with perkins) and signature with vector EPO, JPO, DEXWENT USPAT; USP-GPUB; EPO, JPO, DERWENT USPAT;		•••	with giallorenzi) or (steven with	· ·	1
DERWENT SPAT; 2004/10/18 SPAT; 2004/10/18		[· · · - · · - ·	.
S			peranis, and signature		1
With giallorenzi) or (steven with perkins) and signature with vector EPO; JPO; DERWENT 14:55	_	[(/I con with minorum arowing) as (thems-		2004/10/19
Perkins and signature with vector DEPC, PDC, DERWENT Condition DERWENT Condition Conditi	-) 5			
DERWENT USPAT; 2004/10/18 USPAT; USPGUB; USP					14:55
S			perkins)) and signature with vector		
with giallorenzi) or (steven with perkins)) and signature with vector\$1 with weight - 2 spatial adj1 filter\$3 with channel\$1 with estimat\$3 with phase with amplitude with antenna with signature - 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature - 27 spatial adj1 filter\$3 with channel\$1 with antenna with signature - 28 spatial adj1 filter\$3 with transmit\$4		_			
perkins)) and signature with vector\$1 with weight spatial adj1 filter\$3 with channel\$1 with estimat\$3 with phase with amplitude with antenna with signature 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature 27 spatial adj1 filter\$3 with channel\$1 with antenna with signature 28 spatial adj1 filter\$3 with channel\$1 with antenna with signature 29 spatial adj1 filter\$3 with transmit\$4 with combin\$3 2004/10/18 USPAT;	-	5	((Leon with nieczyporowicz) or (thomas	•	1
With weight Spatial adj1 filter\$3 with channel\$1 with estimat\$3 with phase with amplitude with antenna with signature Spatial adj1 filter\$3 with channel\$1 with antenna with signature Spatial adj1 filter\$3 with channel\$1 with antenna with signature Spatial adj1 filter\$3 with transmit\$4 USPAT; USPAT	į		with giallorenzi) or (steven with	US-PGPUB;	12:22
- 2 spatial adj1 filter\$3 with channel\$1 with estimat\$3 with planes with amplitude with antenna with signature - 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature - 27 spatial adj1 filter\$3 with channel\$1 with antenna with signature - 27 spatial adj1 filter\$3 with transmit\$4 with combin\$3 - 28 spatial adj1 filter\$3 with transmit\$4 with combin\$3 - 48 (spatial adj1 filter\$3 with combin\$3) USPAT; USP			perkins)) and signature with vector\$1	EPO; JPO;	
estimat\$3 with phase with amplitude with antenna with signature 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature 27 spatial adj1 filter\$3 with transmit\$4		1	with weight	DERWENT	
estimat\$3 with phase with amplitude with antenna with signature 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature 27 spatial adj1 filter\$3 with transmit\$4	-	2	spatial adj1 filter\$3 with channel\$1 with	USPAT;	2004/10/18
antenna with signature 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature 27 spatial adj1 filter\$3 with transmit\$4 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DER			estimat\$3 with phase with amplitude with	US-PGPUB;	15:10
DERWENT USPAT; U				EPO; JPO;	
- 4 spatial adj1 filter\$3 with channel\$1 with antenna with signature		1			
antenna with signature SPEQUE; EPO; JPO; DERWENT USPAT; U	_	4	spatial adil filter\$3 with channel\$1 with		2004/10/18
EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWEN		· .			
DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; J					
- 27 spatial adj1 filter\$3 with transmit\$4 with combin\$3 - 48 (spatial adj1 filter\$3 with combin\$3) - 48 (spatial adj1 filter\$3 with combin\$3) - 51 "5563610" - 51 "5563610" - 18 "5563610" and transmit\$4 and spatial - 51 "5634199" - 51 "5592490" - 68 \$3CDMA and orthogonal and (liberti or rappaport) - 68 \$3CDMA and orthogonal and (liberti or rappaport) - 2004/10/18 15:33 - 2004/10/18 15:34 - 2004/10/18 15:46 - 2004/10/18 15:46 - 2004/10/18 15:47 - 2004/10/18 16:15 - 2004/10/19 07:24 - 2004/10/19 07:24 - 2004/10/19 07:24 - 2004/10/19 07:03]		<u> </u>		
## with combin\$3 ## with combin\$3 US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGP	1_	27	spatial adil filter\$3 with transmit\$4		2004/10/18
- 48 (spatial adj1 filter\$3 with combin\$3)		[' '			
- 48 (spatial adj1 filter\$3 with combin\$3) same transmit\$4 - 51 "5563610" - 51 "5563610" - 18 "5563610" and transmit\$4 and spatial - 51 "5634199" - 51 "5634199" - 68 \$3CDMA and orthogonal and (liberti or rappaport) - 68 \$3CDMA and orthogonal and (liberti or rappaport) - 68 \$3CDMA and orthogonal and (liberti or rappaport) - 7			witch compined		10.00
- 48 (spatial adj1 filter\$3 with combin\$3)			· ·		
Same transmit\$4 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 O7:03		40	/		2004/10/10
- 51 "5563610"	-	48			1
- 51 "5563610" USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT;			same transmit\$4		15:34
- 51 "5563610" USPAT; U					
US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO;					[
EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT	-	51	"5563610"		
- 18 "5563610" and transmit\$4 and spatial USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US			•		15:46
- 18 "5563610" and transmit\$4 and spatial USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;			<u>:</u>	EPO; JPO;	
US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 16:15 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 USPAT; 2004/10/19 USPAT; 2004/10/19 USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;			· ·	DERWENT	
US-PGPUB; EPO; JPO; DERWENT USPAT; 2004/10/18 15:15 - 91 "5592490" USPAT; 2004/10/19 USPAT; 2004/10/19 USPAT; 2004/10/19 USPGPUB; EPO; JPO; DERWENT USPAT; 2004/10/19 USPAT;	-	18	"5563610" and transmit\$4 and spatial	USPAT;	2004/10/18
EPO; JPO; DERWENT USPAT; 2004/10/18 US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; USPAT; 2004/10/19 US-PGPUB; O7:24 EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT; US-PGPUB; DERWENT USPAT;			•		
DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
- 51 "5634199" USPAT; 2004/10/18 16:15 - 91 "5592490" USPAT; 2004/10/19 USPAT; 2004/10/19 USPAT; 2004/10/19 O7:24 - 68 \$3CDMA and orthogonal and (liberti or rappaport) USPAT; 2004/10/19 USPAT; 2004/10/19 O7:03 - 68 \$3CDMA and orthogonal and (liberti or rappaport) USPAT; 2004/10/19 O7:03					
US-PGPUB; 16:15 EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; O7:24 EPO; JPO; DERWENT US-PGPUB; O7:24 EPO; JPO; DERWENT USPAT; 2004/10/19 US-PGPUB; O7:03 EPO; JPO; US-PGPUB; O7:03	_	51	"5634199"		2004/10/18
- 91 "5592490"		"			
- 91 "5592490" USPAT; 2004/10/19 07:24 EPO; JPO; DERWENT USPAT; 2004/10/19 07:24 EPO; JPO; DERWENT USPAT; 2004/10/19 USPAT; 2004/10/19 rappaport) USPAT; 2004/10/19 07:03 EPO; JPO;			· ·		10.10
- 91 "5592490" USPAT; 2004/10/19 07:24 - 68 \$3CDMA and orthogonal and (liberti or rappaport) USPAT; 2004/10/19 USPAT; 2004/10/19 USPAT; 2004/10/19 07:03			•		
US-PGPUB; 07:24 EPO; JPO; DERWENT G8 \$3CDMA and orthogonal and (liberti or USPAT; 2004/10/19 rappaport) US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;			"==02400"		2004/10/10
EPO; JPO; DERWENT 68 \$3CDMA and orthogonal and (liberti or USPAT; 2004/10/19 rappaport) US-PGPUB; EPO; JPO; EPO; JPO; DERWENT USPAT; 2004/10/19 O7:03	-	91	339249U" .	· ·	1
- 68 \$3CDMA and orthogonal and (liberti or USPAT; 2004/10/19 rappaport) US-PGPUB; 07:03 EPO; JPO;					07:24
- 68 \$3CDMA and orthogonal and (liberti or USPAT; 2004/10/19 rappaport) US-PGPUB; 07:03			·		
rappaport) US-PGPUB; 07:03 EPO; JPO;					
EPO; JPO;	-	68			
			rappaport)		07:03
DERWENT			<u>;</u>	EPO; JPO;	
		<u> </u>	<u></u>	DERWENT	

		:		
_	10	"5592490" and spatial adj1 filter\$3	USPAT;	2004/10/19
ļ		, i	US-PGPUB; EPO; JPO;	07:33
			DERWENT	
-	3	"5592490" and spatial adj1 filter\$3 same	USPAT;	2004/10/19
		transmit\$4	US-PGPUB;	07:25
			EPO; JPO; DERWENT	
_	499	spatial adj1 filter\$3 and (cod\$3 with	USPAT;	2004/10/19
		resu\$3)	US-PGPUB;	07:35
			EPO; JPO;	
	4		DERWENT	2004/10/10
-	4	spatial adj1 filter\$3 same (cod\$3 with reus\$3)	USPAT; US-PGPUB;	2004/10/19
		l teusys)	EPO; JPO;	07.37
			DERWENT	
-	3309	cod\$3 with reus\$3	USPAT;	2004/10/19
			US-PGPUB;	07:38
			EPO; JPO; DERWENT	
-	223	cod\$3 with reus\$3 same (\$4DMA)	USPAT;	2004/10/19
1			US-PGPUB;	07:42
1	1		EPO; JPO;	
1_	86	"same" with cod\$3 with reus\$3 same	DERWENT USPAT;	2004/10/19
1 -	""	(\$4DMA)	USPAT; US-PGPUB;	07:43
1	1	· · · · · · · · · · · · · · · · · · ·	EPO; JPO;	
1			DERWENT	
-	3		USPAT;	2004/10/19
		spatial with filter\$3 and (\$4DMA)	US-PGPUB; EPO; JPO;	07:51
		:	DERWENT	
-	1		USPAT;	2004/10/19
		with cod\$3) with reus\$3	US-PGPUB;	12:56
			EPO; JPO;	
_	29	"6122260"	DERWENT USPAT;	2004/10/28
			US-PGPUB;	16:54
·			EPO; JPO;	
1_	3	"6122260" and "same" with cod\$3 with	DERWENT USPAT;	2004/10/28
		(spread\$3 or PN)	US-PGPUB;	16:46
		(1)	EPO; JPO;	
			DERWENT	
-	2309	base adj1 station with (transmit\$4 or assign\$4) with "same" with (mobile or	USPAT; US-PGPUB;	2004/10/28
		subscriber)	EPO; JPO;	16:48
			DERWENT	
-	391	(base adj1 station) with (transmit\$4 or	USPAT;	2004/10/28
		assign\$4) with "same" with (cod\$3 or	US-PGPUB;	16:49
		spread\$3 or PN) with (mobile or subscriber)	EPO; JPO; DERWENT	
-	19	(base adj1 station) with (transmit\$4 or	USPAT;	2004/10/28
		assign\$4) with "same spreading code" with	US-PGPUB;	16:53
		(mobile or subscriber)	EPO; JPO;	
_	4	 (base adj1 station) with (transmit\$4 or:	DERWENT USPAT;	2004/10/28
	1	assign\$4) with "same spreading code" with	US-PGPUB;	16:53
		(mobile or subscriber) and (spatial with	EPO; JPO;	
		filter\$3 or beam\$1form\$3)	DERWENT	0004/10/22
_	2	(base adj1 station) with (transmit\$4 or assign\$4) with "same spreading code" with	USPAT; US-PGPUB;	2004/10/28
		(mobile or subscriber) and spatial with	EPO; JPO;	10.34
		multiply\$3 with complex	DERWENT	_
-	0	"6122260" and spatial same multiply\$3	USPAT;	2004/10/28
		same complex	US-PGPUB; EPO; JPO;	17:03
			DERWENT	·
-	17	spatial with filter\$3 same multiply\$3	USPAT;	2004/10/28
		same complex	US-PGPUB;	17:07
			EPO; JPO;	
L	l.		DERWENT	l

-	8	spatial adj1 filter\$3 same mult same complex	tiply\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/28 17:45
-	2	spatial with filter\$3 same comp multiply\$3	plex adj1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/28 17:46
-	2	spatial adj1 filter\$3 same char estimat\$3 same (phase with amp)		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/29 09:34
	17	spatial adj1 filter\$3 same char estimat\$3	nnel adj1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/29 11:06
-	9	spatial adj1 filter\$3 with desp	oread\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/10/29 09:34